



Aalto-yliopisto
Taiteiden ja suunnittelun
korkeakoulu

Research and Doctoral Education in Aalto ARTS

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Aalto ARTS focus areas

HUMAN	BRIDGE	CULTURE	EXPERIENCE
<i>Human-oriented design and learning</i>	<i>Integration between art, technology and business</i>	<i>Cultural heritage to create a new resource</i>	<i>Learning through experience and the senses</i>
User-oriented design and art ARTS brings together areas of design and implementation of human-oriented environments. ARTS solidifies research and teaching based on a humanistic and cultural tradition inside Aalto University. Creative problem-solving learning culture	Profiling architecture and art education in relation to other universities in the sector ARTS responds to the change in innovation thinking where human and user oriented attitudes are emphasised along with a technological approach. Art as a platform of inspiration, with strong connections to ethics, aesthetics and ecology	Strengthening the status of architecture, art, media and design in Finnish culture and society at large Creating a foundation for social and cultural innovation Creative industries in a central role in changing environments	Sensory skills and learning Learning by doing The integration of research, art and teaching creates an operating method wherein academic thinking, creative realisation and practical relevance support each other.
<i>User driven design and art</i>	<i>Bridging art, technology and business</i>	<i>Heritage based forerunning culture</i>	<i>Sense based skills and knowledge</i> <i>Hands on skills, hands on knowledge</i>

Research and Doctoral Education in Brief

Research and doctoral education

- About 350 doctoral students: *Aalto official student registry including attending and non-attending students 20.9.2012: 349 doctoral level students (337 dr. and 12 lic.) 19% from abroad*
- Some 60 professors
- About 100 full-time researchers working on their various research topics in a wide range of disciplines.

Five departments

- Provide five distinctive perspectives into the fields of arts, design and architecture.
- The departments work closely yet transparently with each other, as well as with other schools at the Aalto University.

The Research Institute

- Coordinates and develops research and doctoral studies at ARTS

Research Areas in Aalto ARTS Departments

Department of Architecture	Department of Art	Department of Design	Department of Film, Television and Scenography	Department of Media
<ul style="list-style-type: none">• History and Theory of Architecture• Building Design• Urban Planning and Design• Landscape Architecture	<ul style="list-style-type: none">• Art Education• Contemporary Art• Visual Culture	<ul style="list-style-type: none">• Design	<ul style="list-style-type: none">• Film and Television• Scenography	<ul style="list-style-type: none">• Graphic Design• New Media• Photography

Aalto ARTS Strategic Operating Plan — Research Areas of Focus

As a result of the Research Assessment Exercise and definition of clear areas of focus, Aalto ARTS allocates its resources to the key areas of expertise it represents:

- **Architecture**
- **Design**
- **Media**
- **Art**

Within those areas, research is focused around central themes selected by the departments.

A common frame of reference to the areas of research at the School of Arts, Design and Architecture is formed by **sustainable development and its financial, social, cultural and ecological dimension**.

The uniqueness of research is enhanced by the connection between **theoretical expertise and practical relevance**, on the one hand, and **artistic expression**, on the other hand.

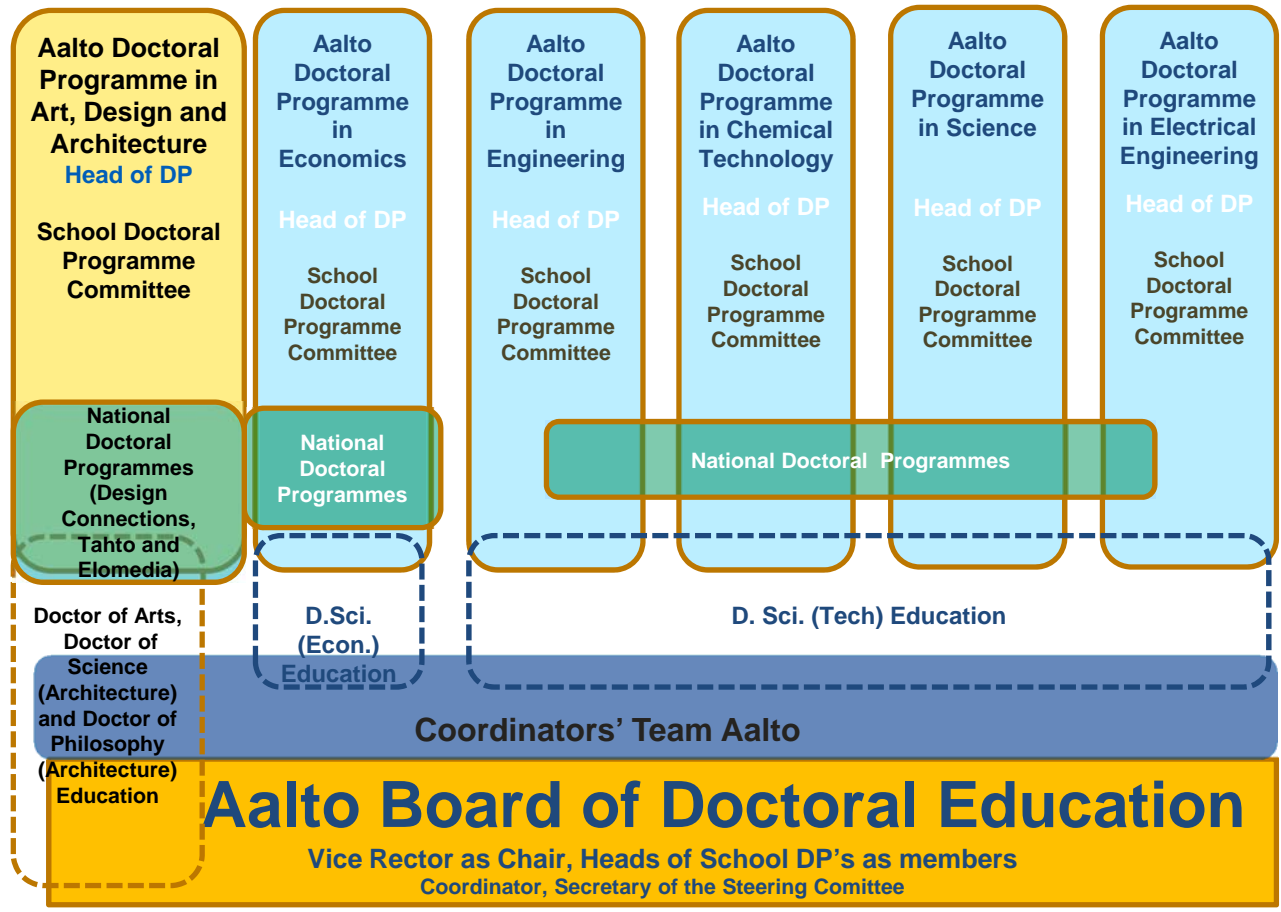
Doctoral studies

*Aalto ARTS
- Another
perspective*



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Aalto Doctoral Education



Field of Arts and Design

Doctoral studies in Art and Design have been offered from 1981, and since then a total of 109 Doctors of Arts have graduated.

Doctoral education has grown all through the period which is an outcome of extensive strategic development.

The special feature of the programme is that the dissertation can also include art or design productions.

Field of Architecture

The Department of Architecture offers postgraduate degree studies for Doctor in Science (Architecture) and Doctor of Philosophy (Architecture) degrees.

The first publication of a doctoral dissertation took place in 1921, and since then over fifty candidates have been awarded their doctoral degrees.

The Department of Architecture is the oldest and largest of the three schools/departments of architecture in Finland.



The Structure of Doctoral Studies

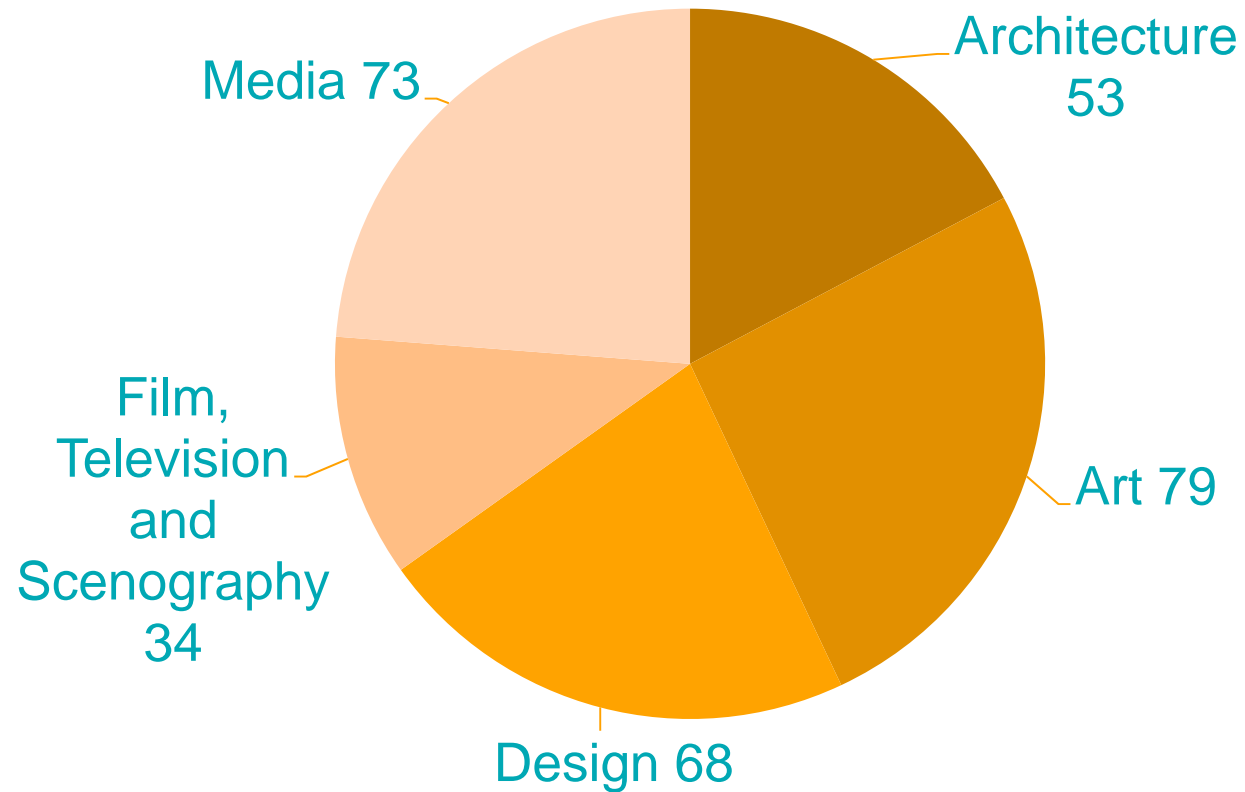
More information on Aalto Into website:

<https://into.aalto.fi/display/endoctoraltaik/Degree+Structure+of+Doctoral+Studies>

Doc. of Science (Arch.) STUDIES	ECTS CREDITS	Doctor of Arts STUDIES	ECTS CREDITS
1. Scientific practices and principles	5-15	General Research Studies	14-18
2. Studies in the research field	30-40	Studies in the Research Field	14-16
3. Studies in a supplementary field	10-20	Studies supporting Research Work	26-32
All together	60	All together	60
Supplementary studies (optional)	Max. 60	Supplementary studies	10-20
Doctoral dissertation		Doctoral dissertation	

Doctoral Students by Departments N=307

10/2012 attending students



ARTS is highly international with Doctoral Candidates from 32 countries



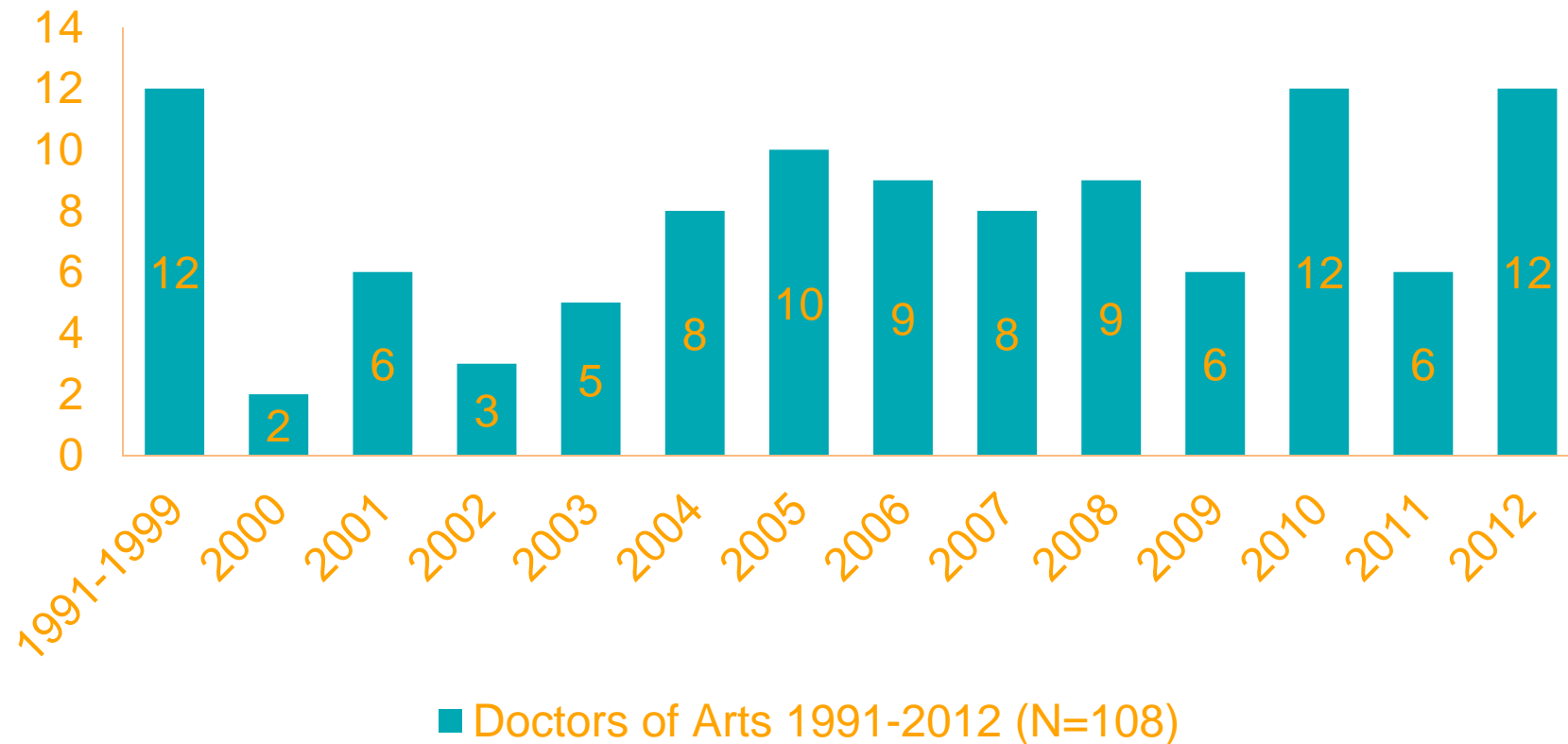
Doctoral studies - statistics



Year	Average age of Doctors of Arts
2010	45,2
2011	44,5
2012	41,2

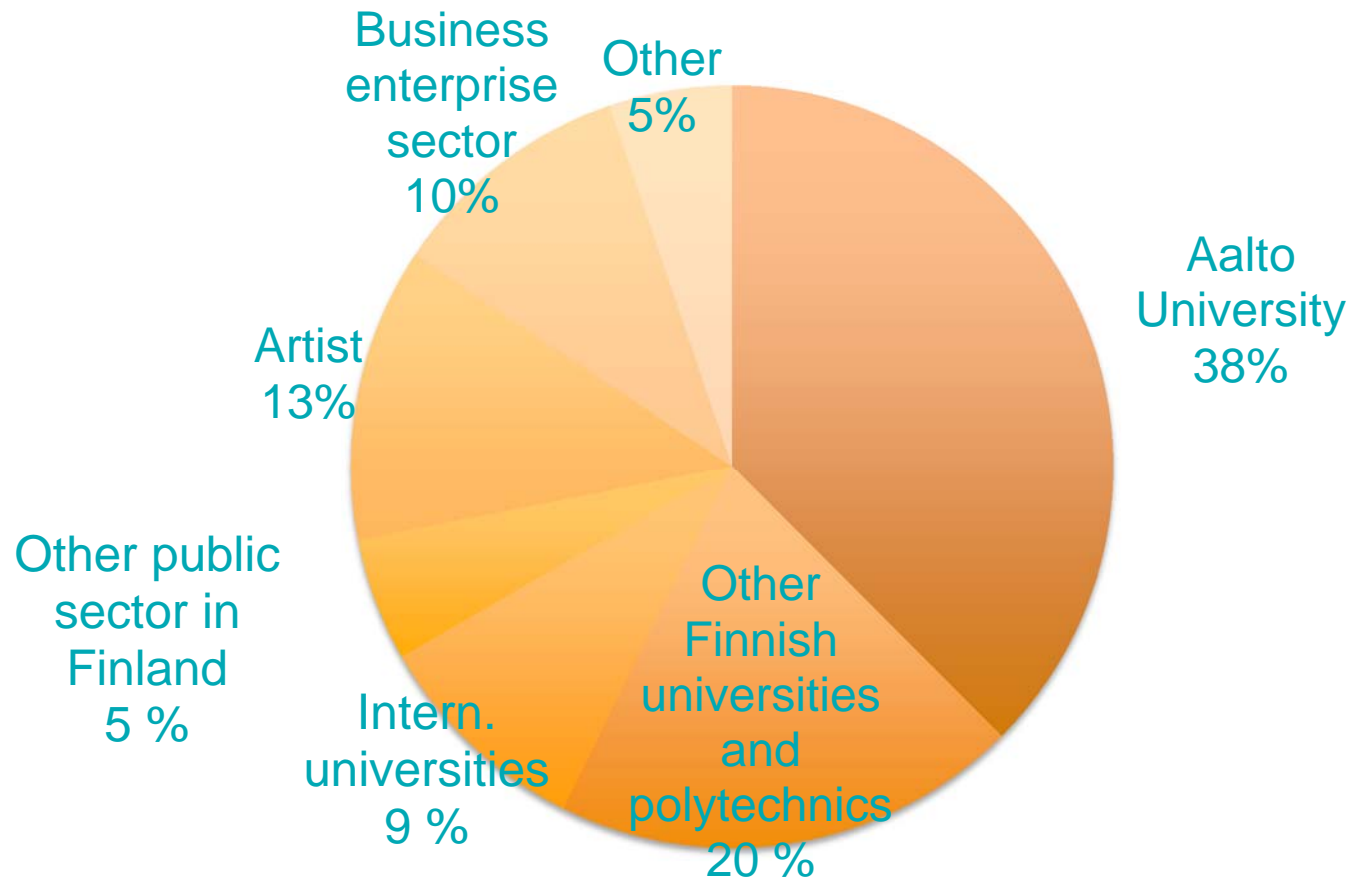
Year	Median duration of doctoral studies
2010	8,3 years
2011	8,2 years
2012	7, 8 years

Doctors of Arts 1991-2012 (N=108)

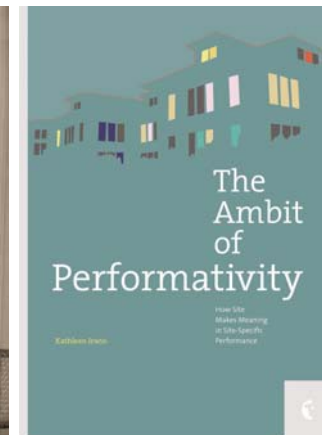
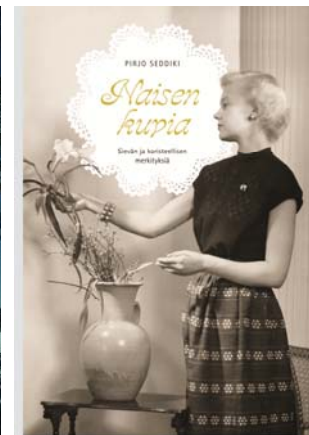
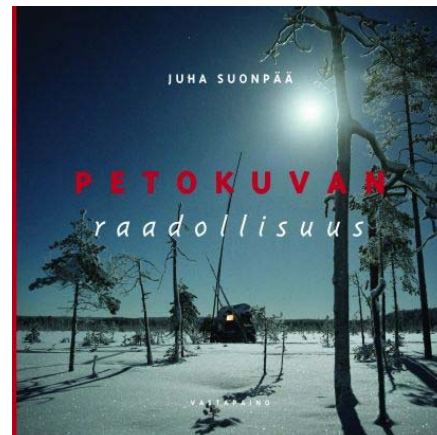
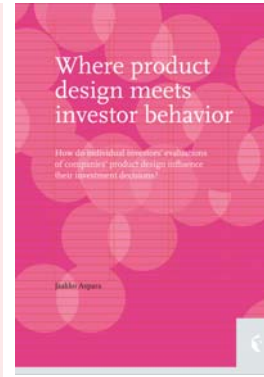
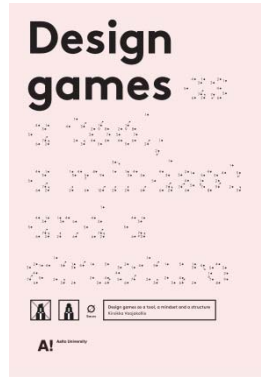
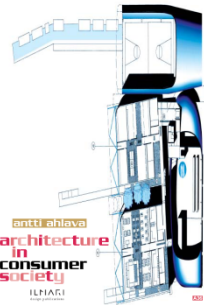
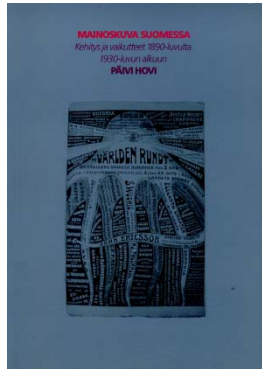


Employment of Doctors of Arts

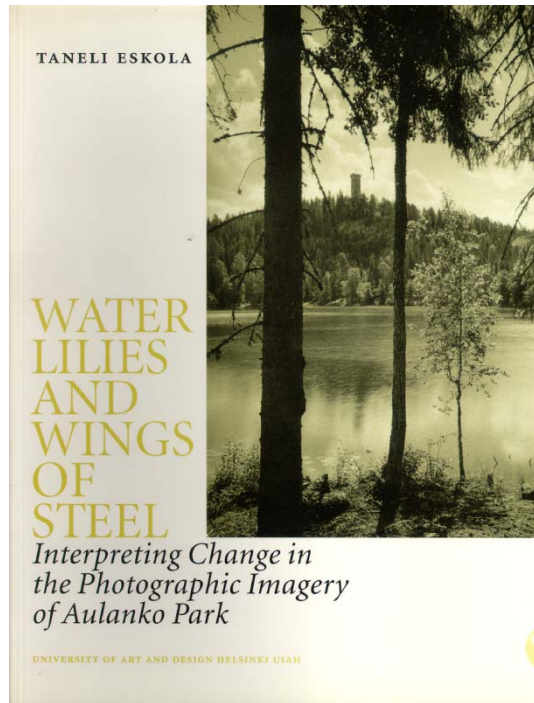
Graduated in 1991-2011 (N=96) Survey done 03/2012



Doctoral dissertations



Doctoral dissertations

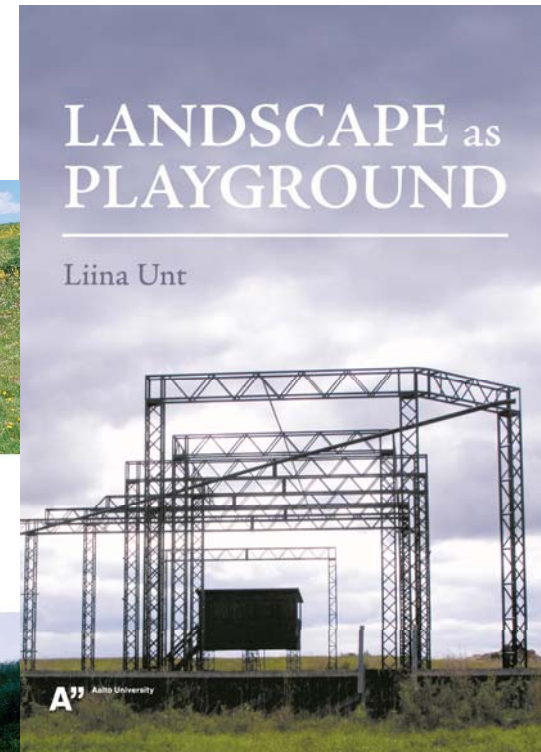


Tapio Heikkilä

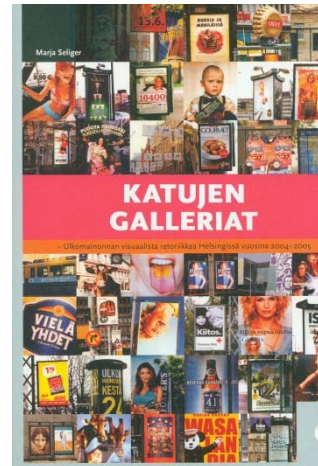
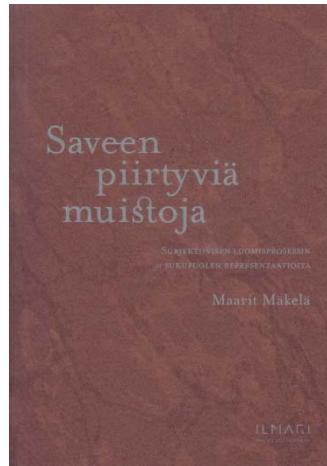
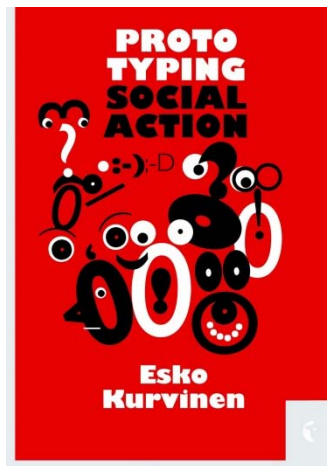
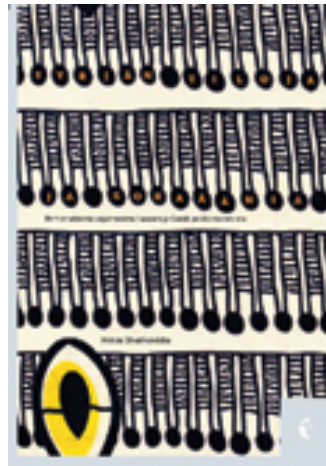
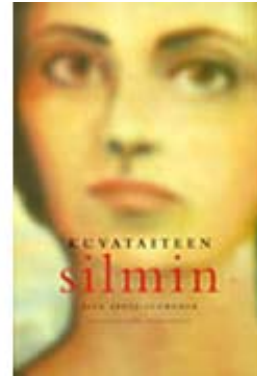
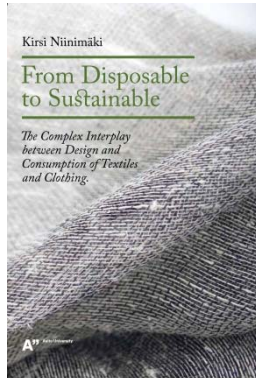
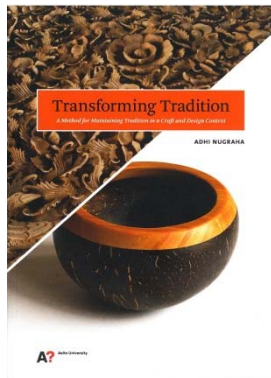
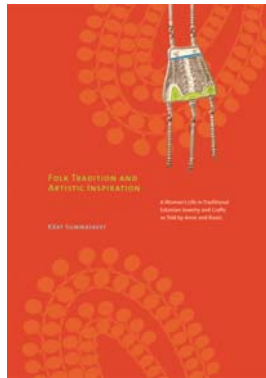
VISUAALINEN MAISEMASEURANTA

Kuvat

VISUAL MONITORING OF FINNISH LANDSCAPES



Doctoral dissertations



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Aalto ARTS scientific publications 2011-2012*

*preliminary information

INTERNATIONAL peer-reviewed scientific publications	2011	2012*	DOMESTIC peer-reviewed scientific publications	2011	2012*
Articles in journals A1	28	28	Articles in journals A1	10	7
Review articles in journals A2	1	1	Review articles A2	0	0
Articles in compilations A3	10	11	Articles in compilations A3	8	6
Articles in conference publications A4	57	63	Articles in conference publications A4	4	1
Total	96	103	Total	22	14
Not peer-reviewed					
Articles in journals B1-B3	30		Articles in journals B1-B3	21	
Monographies C1	4	0	Monographies C1	4	
Edited books C2	3		Edited books C2	2	
Total	37		Total	27	
International publ. total	133		Domestic publ. total	49	

Artistic publications

2011-2012* *preliminary information

International	2011	2012*	Domestic	2011	2012*
Independent artworks and private exhibitions F1	45	26	Independent artworks and private exhibitions F1	54	41
Productions and group works F2	2	48	Productions and group works F2	19	94
Artistic parts of commercial productions F3	4	2	Artistic parts of commercial productions F3	35	53
Total	51	76	Total	108	188

International professional publications D1-D2	2011	2012*	Domestic professional publications. D1-D2	2011	2012
Art and design departments	4	2	Art and design departments	9	6
Dept. of Architecture	4	6	Department of Architecture	72	42



Aalto University
– Where *science* and
art meet *technology*
and *business*

Three leading universities in their own fields became *Aalto University* in 2010

Helsinki School of Economics (HSE)

University of Art and Design Helsinki (TaiK)

Helsinki University of Technology (TKK)

*The Aalto University
community:
75,000 alumni,
20,000 students,
5,000 staff members,
350 professors*

Towards
*a world-class
institution*
2020

Aalto University *strategy*

